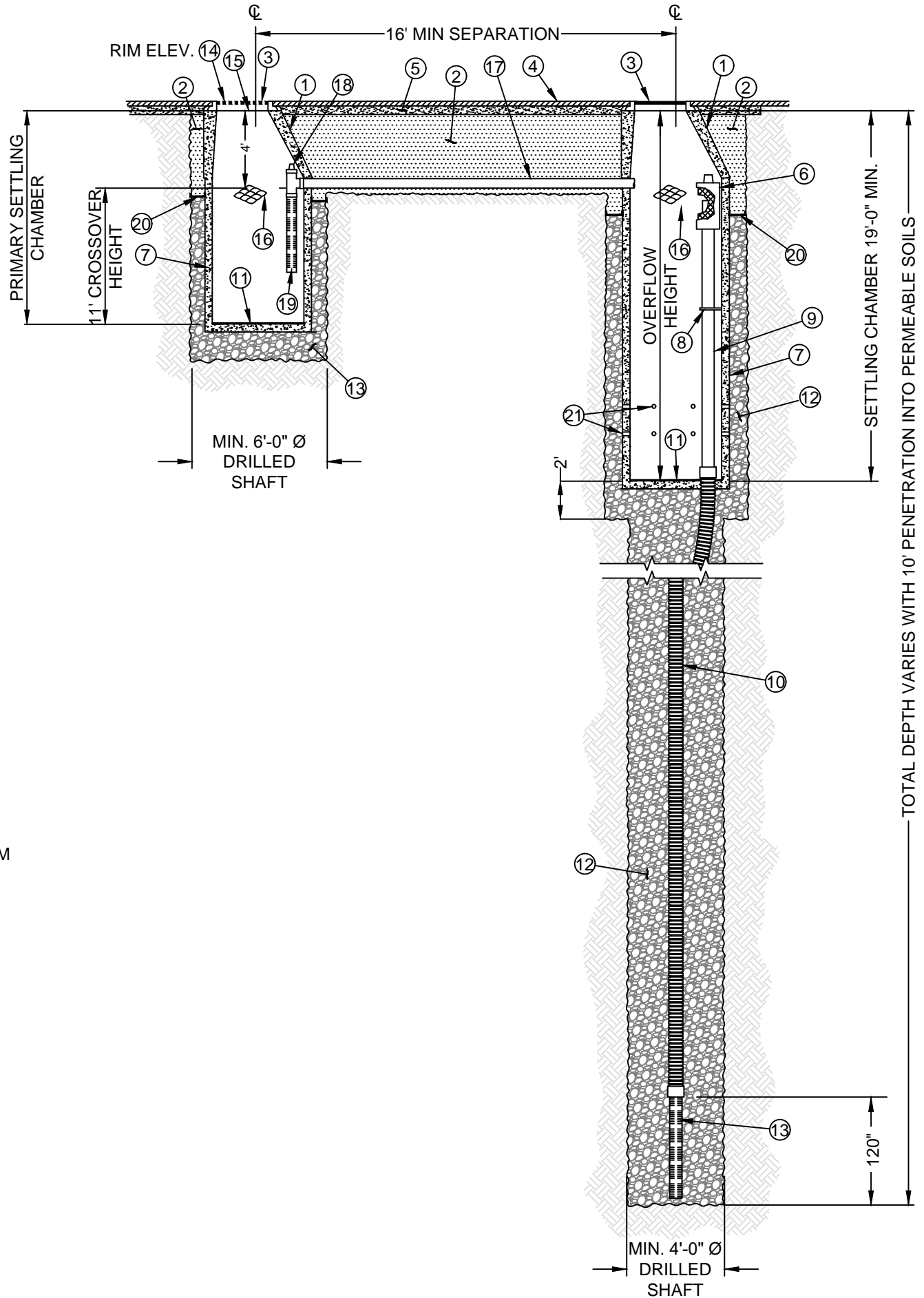


LEGEND:

- ① PRECAST MANHOLE CONE - 4000 PSI CONCRETE MODIFIED FLAT BOTTOM, MORTAR TO C.I. RING
- ② STABILIZED BACKFILL - 1 SACK CLSM SLURRY PER MAG 728
- ③ BOLTED RING & GRATE/COVER - 30 INCH DIAMETER. CLEAN CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS. BOLTED IN 2 LOCATIONS AND SECURED TO CONE WITH MORTAR
- ④ GRADED BASIN OR PAVING
- ⑤ COMPACTED ABC MATERIAL IN PAVCO AREAS
- ⑥ DEBRIS SHIELD - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL .265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN X 12" LENGTH. FUSION BONDED EPOXY COATED
- ⑦ PRE-CAST LINER - 4000 PSI CONCRETE 48" ID. X 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE
- ⑧ SUPPORT BRACKET - FORMED 12 GA. STEEL. FUSION BONDED EPOXY COATED
- ⑨ OVERFLOW PIPE - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL
- ⑩ MIN 6" DIA. CORRUGATED HDPE PER MAG SECT. 738. NO PERFORATIONS BELOW SETTLING CHAMBER
- ⑪ 4" THICK PERVIOUS CONCRETE SLAB PER MAG SECT. 725, MODIFIED: 6 SACK/CY PORTLAND CEMENT; MAX WATER/CEMENT RATIO 0.3; COARSE AGGREGATE ONLY ASTM C-33 SIZE #8, WASHED; NO FINES; CONSOLIDATE BY STRIKING, NOT VIBRATED
- ⑫ ROCK - WASHED, SIZED BETWEEN 3/8" AND 1-1/2"
- ⑬ DRAINAGE SCREEN - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT
- ⑭ RIM ELEVATION SHALL BE FLUSH TO ROAD SURFACE OR TURF, OR SHALL BE 1-1/2" ABOVE DECOMPOSED GRANITE LANDSCAPED AREAS
- ⑮ FABRIC SEAL - INSERT TO BE REMOVED BY CUSTOMER AT PROJECT COMPLETION, GEOTEXTILE FILTER FABRIC PER MAG TABLE 792-2 CLASS A
- ⑯ HYDROPHOBIC PETROCHEMICAL SPONGE - 1 GAL CAPACITY
- ⑰ CONNECTOR PIPE - 4" Ø SCH. 40 PVC
- ⑱ ANTI-SIPHON VENT WITH FLOW REGULATOR
- ⑲ INTAKE SCREEN - SCH. 40 PVC 0.120" MODIFIED SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 48" OVERALL LENGTH WITH VENTED CAP
- ⑳ MOISTURE MEMBRANE - 6 MIL. PLASTIC LINER WATER STOP
- ㉑ EIGHT (8) PERFORATIONS PER FOOT, 2 ROWS MIN

NOTES:

- 1. OVERFLOW DEPTHS AND INVERTS ON CONNECTOR PIPE MUST BE BELOW THE INVERTS OF ALL UPSTREAM STORM DRAIN PIPE.
- 2. DETAIL SHOWN HAS A RATED CAPACITY OF XXX GAL/MIN.



DRAFT EXAMPLE

January 17, 2017

DETAIL NO.

XXX-X



STANDARD DETAIL  
ENGLISH

Drywell System Detail

PROPOSED

0X-0X-20XX

DETAIL NO.

XXX-X